Substitu	rte for form 1449A/P	то		Complete if Known			
•				Application Number	not yet assigned		
INF	ORMATIO	N DI	SCLOSURE	Filing Date	March 23, 2004		
STA	TEMENT!	BY A	PPLICANT	First Named Inventor	Liu, Hong		
• • • • • • • • • • • • • • • • • • • •				Art Unit	not yet assigned		
	(use as many si	heets a	s necessary)	Examiner Name	not yet assigned		
Sheet	1	of	3	Attorney Docket Number	021288-002610US		

				U.S. I	PATENT DO	CUME	NTS+			
		Document Num	ber				<u> </u>			
Examiner Initials*	Cite No.	Number Kind Co	ode ² (if known)		cation Date DD-YYYY	Name of Patentee or Applicant of Cited Document		Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear		
3/12	1	US-4,499,29	35	02-	12-1985		Mueller et al.			
A	2	US-5,374,62	23	12-	20-1994	Zi	mmerman et al.			
	3	US-5,574,08	54	11-12-1996			Shibata et al.			
	4	US-5,691,36	58	11-	25-1997		Peet et al.			
	5	US-5,723,46	69	03-	03-1998		Shibata et al.			
	6	US-5,849,71	11	12-	15-1998		Tung et al.			
	7	US-5,858,98	32	01-	12-1999		Tung et al.		-	
	8	US-5,916,88	37	06-	29-1999		Singh et al.			
	9	US-5,998,47	70	12-	07-1999		Halbert et al.			
	10	US-6,004,93	33	12-	21-1999		Spruce et al.			
	11	US-6,030,94	16	02-	29-2000		Klaus et al.	I		
	12	US-6,057,36	52	05-	02-2000		Yamashita			
	13	US-6,232,34	12 B1	05-	15-2001		Carr et al.			
	14	US-6,274,33	36 B1	08-	14-2001	Ab	del-Meguid et al.			
	15	US-6,331,54	12 B1	12-	18-2001		Carr et al.			
	16	US-6,353,01	17 B1	03-	05-2002		Altmann et al.			
	17	US-6,369,07	77 B1	04-	09-2002		Marquis et al.			
1,	18	US-6,395,89	97 B1	05-	28-2002		Cywin et al.			
. 🗸	19	US-6,420,36	54 B1	07-	16-2002	Ε	mmanuel et al.			
THO	20	US-6,455,50)2 B1	09-	24-2002		Bryant et al.			
		-								
				FOREIG	N PATENT	DOCU	MENTS			
		Fore	ion Patent Docume	int					Pages, Columns,	
xaminer Initials*	Cite No.'	Manhad		Kind Code ⁶	Publication I MM-DD-YY				Lines, Where Relevant Passages or Relevant Figures	
14.		Country Code ³		(il known)					Appear	
1111	21	wo	98/00171	A2	01-08-19	98	Redcell Canada In			
	22	l wo			09-08-2000					
1	22	WO	00/51998	A1	09-08-20	00	Boehringer Ingelhe			
	23	wo	01/09110	A1 A1	09-08-20			inc. sim		
		1				01	Boehringer Ingelhe Pharmaceuticals, Boehringer Ingelhe Pharmaceuticals, Boehringer Ingelhe Pharmaceuticals,	Inc. Bim Inc. Bim Inc.		
	23	wo	01/09110	A1	02-08-20	01 01	Boehringer Ingelhe Pharmaceuticals, Boehringer Ingelhe Pharmaceuticals, Boehringer Ingelhe Pharmaceuticals, Ortho McNeil Phar Inc.	nc. eim nc. eim nc. maceutical,		
	23	wo wo	01/09110 01/19816	A1 A1	02-08-20 03-22-20 02-21-20 03-32-20	01 01 02 02	Boehringer Ingelhe Pharmaceuticals, Boehringer Ingelhe Pharmaceuticals, Boehringer Ingelhe Pharmaceuticals, Ortho McNeil Phar Inc.	Inc. Dim Dim Dic. Dim Dinc. Dim Dinc. Dimaceutical, Dimaceutical,		
•	23 24 25 26 27	wo wo wo wo	01/09110 01/19816 02/14314 02/14315 02/14317	A1 A1 A2 A2 A2	02-08-20 03-22-20 02-21-20 03-32-20 02-21-20	01 01 02 02 02	Boehringer Ingelhe Pharmaceuticals, I Boehringer Ingelhe Pharmaceuticals, I Boehringer Ingelhe Pharmaceuticals, I Ortho McNeil Phar Inc. Ortho McNeil Phar Inc.	Inc. Dim Dim Dic. Dim Dinc. Dim Dinc. Dimaceutical, Dimaceutical,		
	23 24 25 26 27 28	wo wo wo wo wo	01/09110 01/19816 02/14314 02/14315 02/14317 02/051983	A1 A1 A2 A2 A2 A2	02-08-20 03-22-20 02-21-20 03-32-20 02-21-20 07-04-20	01 01 02 02 02 02	Boehringer Ingelhe Pharmaceuticals, Boehringer Ingelhe Pharmaceuticals, Boehringer Ingelhe Pharmaceuticals, Ortho McNeil Phar Inc. Ortho McNeil Phar Inc. Ortho McNeil Phar Inc. Celera	Inc. Dim Dim Dic. Dim Dinc. Dim Dinc. Dimaceutical, Dimaceutical,		
	23 24 25 26 27	wo wo wo wo	01/09110 01/19816 02/14314 02/14315 02/14317	A1 A1 A2 A2 A2	02-08-20 03-22-20 02-21-20 03-32-20 02-21-20	01 01 02 02 02 02 02	Boehringer Ingelhe Pharmaceuticals, I Boehringer Ingelhe Pharmaceuticals, I Boehringer Ingelhe Pharmaceuticals, I Ortho McNeil Phar Inc. Ortho McNeil Phar Inc.	nc. sim inc. sim inc. sim inc. maceutical, maceutical,		

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 'Applicant's unique citation designation number (optional). 'Kind Codes of U.S. Patent Documents at www.uspto.gov or MPEP 901.04. 'Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 'For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 'Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. 'Applicant is to place a check mark here if English language Translation is attached. 60166516 v1

Substitu	ite for form 1449A/	PTO		Complete if Known			
				Application Number	not yet assigned		
INF	ORMATIO	N DI	SCLOSURE	Filing Date	March 23, 2004		
STA	TEMENT	BY A	PPLICANT	First Named Inventor	Liu, Hong		
				Art Unit	not yet assigned		
	(use as many s	sheets a	s necessary)	Examiner Name	not yet assigned		
Sheet	2	of	3	Attorney Docket Number	021288-002610US		

				U.S. F	PATENT DO	CUMEN	TS+			
		Document No	umber					_	A	
Examiner Cite Initials* No.1		Number Kind Code ² (if known)		Publication Date MM-DD-YYYY		Name of Palentee or Applicant of Cited Document			Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	
No	31	wo	02/070517	A2	09-12-20		Merck Frosst Canad			
不	32	wo	02/069901	A2	09-12-20	UZ I	Merck Frosst Canadal.	da & Co. et		
	33	wo	00/48993	A1	08-24-20	00	Novartis AG			
	34	WO	03/013518	A1 .	02-20-20	03	Smithkline Beechan	n Corp.		
N	35	wo	01/09110	A1	02-08-20		Boehringer Ingelhei Pharmaceuticals, In			
/ / / b	36	wo	03/020287	A2	03-13-20	03	Novartis AG			

Examiner Signature Date Considered Mark 2005

Substitute	for form 1449B/	РТО		Complete if Known			
			01 001105	Application Number	not yet assigned		
			CLOSURE	Filing Date	March 23, 2004		
STAT	EMENT	BY A	PPLICANT	First Named Inventor	Liu, Hong		
				Art Unit	not yet assigned		
(use as many :	sheets as	necessary)	Examiner Name	not yet assigned		
Sheet	3	of	3	Attorney Docket Number	021288-002610US		

NON PATENT LITERATURE DOCUMENTS								
Examiner Initials *	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	Τ;					
ho	37	BANIA, J. et al.: "Hurnan cathepsin S, but not cathepsin L, degrades efficiently MHC class II- associated invariant chain in nonprofessional APCs" PNAS; Vol. 100, No. 11; pp. 6664-6669 (May 27, 2003)						
		·						
· · · · · ·			·					
			\vdash					

	A	$\perp \perp /$			
Examiner Signature	And	H.	01	Date Considered	March 2015

EXAMINER: Initial if reference considered, whether or not ditation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered, include copy of this form with next communication to applicant.

Applicant's unique citation designation number (optional). Applicant is to place a check mark here if English language Translation is attached.